Curriculum vitae

PERSONAL INFORMATION	**Zixuan Liang**

Stockmattenweg 5, 3930 Visp (Switzerland)

+41787356818

zixuan.liang@mail.com

https://zixuanliang.com

WORK EXPERIENCE

9 May 2018–24 Jul 2018

Data Analyst Intern
Lonza, Visp (Switzerland)

- Improving the Master Data management process efficiency with scripting languages.
- Building a user-friendly chatbot that is online 24/7 for the purpose of training new employees and handling SAP request inquiries.
- Visualizing Master Data with interactive dashboard and different kinds of data charts to help managers make more informed decisions.

1 Sep 2015–31 Dec 2017

Software Engineer
RTBAsia, Shanghai (China)

- Research and development work related to machine learning and deep learning, including model design and optimization for neural networks, transfer learning, feature extraction, stochastic optimization and so on.
- Built Brand Safety System to protect advertisers on demand-side platforms against websites with inappropriate content (e.g. pornography, terrorism). Demo
- Trained state-of-the-art convolutional neural networks in face recognition and image classification (e.g. Inception-ResNet) achieving 95%+ accuracy.

EDUCATION AND TRAINING

1 Sep 2011–30 Jun 2015

B.Eng. in Electronic & Information Engineering
Zhejiang University, Hangzhou (China)

Graduated with honors (5%). GPA: 3.89/4.0

PERSONAL SKILLS

Mother tongue(s)

Cantonese, Mandarin

Foreign language(s)

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
C1	C1	C1	C1	C1

English

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Job-related skills

- Programming Languages: Python, JavaScript, Java, C, C++, SQL, Ruby
- Machine Learning Tools: scikit-learn, TensorFlow, PyTorch, Keras
- Research Tools: OpenCV, SciPy, NumPy, pandas, matplotlib, NLTK, D3.js, Git, LaTex

ADDITIONAL INFORMATION

Book	**Practical Convolutional Neural Network**.
	An open-source handbook summarizing my understanding and experience of convolutional neural networks. My goal of writing this handbook is to share it with the community and help others train better deep learning models. Download link

Honours and awards	Certificates

- Outstanding Graduates of Zhejiang University (2015) (5%)
- National Endeavor Scholarship (2012, 2013, 2014) (3%)
- Scholarship for Excellence in Research and Innovation (2014)
- Scholarship for Outstanding Students (2012, 2013, 2014)

References	Contact information available upon request

- Fredy Hug (Manager), Head of Global Master Data Management at Lonza
- Baptiste Jollien (Line manager), Master Data Professional at Lonza
- Dr. Tianhong Gu (Line manager), Research Scientist at RTBAsia